



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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MEMO TO: J. D. Goins, PE  
Steve DeWitt, PE  
Victor Barbour, PE  
Division Engineers  
Division Operations Engineers  
Roadway Design Project Engineers

FROM: Jay A. Bennett, PE *Jay A. Bennett*  
State Roadway Design Engineer

DATE: August 25, 2003

SUBJECT: Centerline Coordinate List

The contracting industry has requested centerline coordinates for alignments on new location projects. Original surveys for projects are performed years in advance of contract letting, making it difficult for them to find alignments during advertisement.

A centerline coordinate list will be prepared for all new location projects. Localized centerline coordinates at 100 foot (40 meter) increments for the mainline and 50 foot increments (20 meter) increments for the ramps will be provided. Information for Y line construction (only new location alignments) may be necessary for some projects.

A GEOPAK procedure has been created to prepare this coordinate list. Effective immediately, a centerline coordinate list will be included with all new location projects in the right of way plans (plans submitted to right of way for appraisals and acquisition). The list should follow the survey control sheets (No. 1 series sheets) and should be kept in the plans for contract letting. The XY\_Coord.CSV electronic file generated by this procedure will be placed in the Proj Folder for distribution to the contractor following the project letting. The Design Services Unit will submit this information.

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LOCATION:  
CENTURY CENTER COMPLEX  
BUILDING A  
1000 BRCH RIDGE DRIVE  
RALEIGH NC

J. D. Goins, PE  
August 25, 2003  
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A complete procedure outlining the steps necessary for producing the centerline coordinate list sheets and the proper electronic files can be found on the Roadway Design Unit Web page (<http://www.doh.dot.state.nc.us/preconstruct/highway/roadway> Centerline Coordinate List Docs 02/05/003). If you have any questions regarding this procedure, please contact Ted Walls, Project Engineer at (919) 250-4016.

JAB/tw

#### Attachments

cc: Deborah Barbour, PE  
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